

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

4

Complete if Known

Application Number	10/038,207
Filing Date	01/04/2002
First Named Inventor	VEIGA
Group Art Unit	2641/771
Examiner Name	SINGH
Attorney Docket Number	BRAD-108A-1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code ² (if known)				
ARS		US-3,970,328		Wallsten	07-20-1976	
		US-4,143,197		Jasionowicz et al.	03-06-1979	
		US-4,284,682		Tschirch et al.	08-18-1981	
		US-4,560,611		Naka et al.	12-24-1985	
		US-5,110,666		Menzel et al.	05-05-1992	
		US-5,178,938		Magistro et al.	01-12-1993	
		US-5,226,671		Hill	07-13-1993	
		US-5,240,765		Takahashi et al.	08-31-1993	
		US-5,254,621		Inoue et al.	10-19-1993	
		US-5,258,211		Momii et al.	11-02-1993	
		US-5,298,317		Takahashi et al.	03-29-1994	
		US-5,316,336		Taguchi et al.	05-31-1994	
		US-5,399,402		Inoue et al.	03-21-1995	
		US-5,514,431		Shimomura	05-07-1996	
		US-5,529,837		Fujiki et al.	06-25-1996	
		US-5,630,620		Hirai et al.	05-20-1997	
	ARS		US-5,632,057		Lyden	05-27-1997

RECEIVED
JUL 03 2002
GROUP 3600

RECEIVED

JUL 03 2002

GROUP 3600

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number-Kind Code ⁴ (if known)					
ARS		WO	00/78578A1	12-28-2000	Milliken & Company		

Examiner
SignatureDate
Considered

8/7/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement:: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known	
			Application Number	10/038,207
			Filing Date	01/04/2002
			First Named Inventor	VEIGA
			Group Art Unit	3811/77
			Examiner Name	SINGH
Sheet 2 of 4	Attorney Docket Number		BRAD-108A-1	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code ² (if known)				
ALS ↓		US-5,647,079		Hakamiun et al.	07-15-1997	
		US-5,650,207		Crouch	07-22-1997	
		US-5,651,395		Graham et al.	07-29-1997	
		US-5,704,402		Bowen et al.	01-06-1998	
		US-5,707,711		Kitamura	01-13-1998	
		US-5,721,046		Shrewsburg	02-24-1998	
		US-5,845,935		Enders et al.	12-08-1998	
		US-5,863,644		Bonigk et al.	01-26-1999	
		US-5,881,776		Beasley, Jr.	03-16-1999	
		US-5,906,391		Weir et al.	05-25-1999	
ALS ↓		US-5,921,287		Bowen et al.	07-13-1999	
		US-6,037,279		Brookman et al.	03-14-2000	
		US-6,042,141		Welch et al.	03-28-2000	
		US-6,056,316		Yamaji et al.	05-02-2000	
		US-6,073,961		Bailey et al.	06-13-2000	
		US-6,113,141		Baker	09-05-2000	
		US-6,149,194		Breed et al.	11-21-2000	
		US-6,152,481		Webber et al.	11-28-2000	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number-Kind Code ⁴ (if known)					

Examiner Signature		Date Considered	8/7/03
--------------------	--	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/038,207	
			Filing Date	01/04/2002	
			First Named Inventor	VEIGA	
			Group Art Unit	3511/771	
			Examiner Name	SINGH	
Sheet	3	of	4	Attorney Docket Number	BRAD-108A-1

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code ² (if known)				
ARS		US-6,168,191	B1	Webber et al.	01-02-2001	
		US-6,169,043	B1	Li	01-02-2001	
		US-6,176,515	B1	Wallner et al.	01-23-2001	
		US-6,177,365	B1	Li	01-23-2001	
		US-6,177,366	B1	Li	01-23-2001	
		US-6,199,898	B1	Masuda et al.	03-13-2001	
		US-6,200,915	B1	Adams et al.	03-13-2001	
		US-6,220,309	B1	Sollars, Jr.	04-24-2001	
		US-6,239,046	B1	Veiga et al.	05-29-2001	
		US-6,250,668	B1	Breed et al.	06-26-2001	
		US-6,270,113	B1	Wipasuramonton et al.	08-07-2001	
		US-6,294,487	B1	Keshavaraj	09-25-2001	
		US-6,344,251	B1	Keshavaraj et al.	02-05-2002	
		US-6,348,543	B1	Parker	02-19-2002	
		US-6,350,709	B1	Veiga	02-26-2002	
	US-6,364,356	B1	Keshavaraj	04-02-2002		
	US-2001/0005660	A1	Li et al.	06-28-2001		
	US-2001/0009829	A1	Sollars, Jr. et al.	07-26-2001		
	US-2001/0042980	A1	Sollars, Jr.	11-22-2001		
ARS		US-2001/0049243	A1	Crouch et al.	12-06-2001	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number-Kind Code ⁵ (if known)					

Examiner Signature		Date Considered	8/7/03
-----------------------	--	--------------------	--------

*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449B/PTC

JUN 28 2002

(use as many sheets as necessary)

Application Number	10/038,207
--------------------	------------

Filing Date	01/04/2002
--------------------	-------------------

First Named Inventor	VEIGA
----------------------	-------

Group Art Unit ~~36T1~~ 1771

Examiner Name	SINGH
---------------	-------

Attorney Docket Number	BRAD-108A-1
------------------------	-------------

Sheet 4 of 4

[illegible]

**Examiner
Signature**

Date Considered

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Please type a plus sign (+) inside this box ()

AUG 27 2002

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/038,207
Filing Date	January 4, 2002
First Named Inventor	VEIGA
Group Art Unit	3611/771
Examiner Name	SINGH
Attorney Docket Number	BRAD-108A-1

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code ² (if known)				
ARS		US-6,429,155	B2	Li et al.	08-06-2002	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				

RECEIVED

SEP 03 2002

GROUP 3611

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number-Kind Code ⁴ (if known)					

Examiner Signature

Date Considered

8/7/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement:: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

side this box (+)

Reduction Act of 1995, no person

TO

MAR 24 2003

DISCLOSURE

BY APPLICANT

RECEIVED
APR 03 2003
GROUP 1700

RECEIVED
MAR 27 2003
GROUP 3600

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

(Filed March 18, 2003)